

# FOLIO

## Board of Governors

The Governors most recent tendance to the business of running the University occurred on 5 February. Prominent among the recommendation items approved were proposals for quota expansion in the Departments of Physical Therapy, Speech Pathology and Audiology, and Occupational Therapy. Physical Therapy plans to expand its BSc program from forty to sixty first-year students; Speech Pathology and Audiology intends to exand its BSc program from twenty-five to thirty-eight second-year students; and Occupational Therapy will take on forty students, an increase of four, in its regular BSc program. The latter move will complement a five-year accelerated program which was also approved by the Board.

The expansion is designed "to meet established needs which exist in Alberta for increased numbers of rehabilitation personnel to meet long-term needs of the 1980s and '90s with Alberta's projected growth, and to meet the desire of the University and the Government of Alberta to provide superior health facilities."

Each facet of the expansion is contingent upon the provision of special funding by government for the first five years and the resolution of related space costs. The Board's Finance Committee calculates that the total cost of all programs will be \$4,008,170.

Another Finance Committee item, that of the five-year operating budget for a Graduate Service Program in Applied Statistics, was approved with the familiar rider of the infusion of government funding for the initial five-year period.

The program is for students whose specialty emphasizes statistical consulting, programming, and data analysis. One upshot would be the availability of campus-wide consulting services in statistics for faculty and graduate student researchers.

The Academic Concerns Committee reported the appointment of Syed M.A. Hameed as Chairman of the Department of Industrial and Legal Relations, Faculty of Business Administration and Commerce, and the reappointment of Gary D. Prideaux as Chairman of the Department of Linguistics, Faculty of Science.

Dr. Hameed, whose term of chairmanship is 1 January 1982 to 30 June 1986, holds BA, MA, and PhD degrees. His first appointment at this University was in 1968. He was Acting Chairman of the department from 1 July to 31 December 1981.

Dr. Prideaux will continue as chairman until 30 June 1987. He earned BA and PhD degrees in the United States and joined The University of Alberta in 1966. He has been Chairman of the Department of Linguistics since 1977.

The Building Committee sought and received Board approval for the expenditure of \$11,287,090

for construction of new student housing in the East Campus area. Plans call for the addition of about 260 new bed spaces including space in five renovated houses. When it was pointed out that the cost works out to \$43,412 per bed, President Horowitz replied that the housing must be in harmony with the community thus eliminating the high-rise route.

Cavan Construction Ltd. was awarded the contract with the understanding that the Garneau Student Housing project is to be completed no later than 31 March 1983. □

## Long Service Employees Recognized

There was wine, cheese, and just deserts when the Board of Governors recently honored twenty-nine long service employees. In a presentation at the Faculty Club, eight people who have been on staff for thirty-five years, eight who are thirty year employees, and thirteen people who have served the University for twenty-five years were accorded praise and mementos of the occasion.

The thirty-five year employees are: Cecil Beamont, Provincial Lab (Calgary); Margaret Brennan, Genetics; Walter E. Harris, Chemistry; Lorene L. Kennedy, Botany; Shirley Meyer, Library Administration; Paul Padleki, Physical Plant Operating; Charles R. Stelck, Geology; and Barney T. Stephanson, Agricultural Engineering.

Those having thirty years standing are Alan F. Affleck,



President Horowitz congratulates long service employee Paul Padleki.

Recreation Administration; R. George Baldwin, Vice-President (Academic); Sigmund Holtz, Heating Plant; Eileen Kadis, Provincial Lab (Edmonton); James Liddell, Heating Plant; Nicholas Muntjewerff, Genetics; Julia Oko, Provincial Lab (Calgary); and Bruce Peel, Librarian to the University.

The twenty-five year club is composed of Ronald Burwash, Geology; Henry Charlesworth, Geology; Walter Cottle, Physical Education; Robert Crawford, Chemistry; Ronald Falconer, Office of the Comptroller; Theodore Germaine, Surgical Medical Research Institute; Raymond Kelly, Athletic Services; John Lerbekmo, Geology; Irene Maj, University Professorship; Lynn Morgan, Registrar's Office; Bernice Prusak, Office of the Comptroller; Lillian Romaniuk, Registrar's Office; and Helge Welling, Plant Science.

Congratulations to all. □

For  
75th Anniversary  
program information  
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## FOLIO

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Office of Community Relations  
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## Firm Foreign Student Policy Vital

The present hodge-podge of policies regarding foreign students does not serve well the interests of the students themselves, their host institutions, the various governments, nor, in the end, education.

So concludes *The Right Mix*, published this month by the Canadian Bureau for International Education (CBIE).

*The Right Mix* is the report of the Commission on Foreign Student Policy convened and sponsored by CBIE. The Commission was composed of twelve representatives from a variety of non-governmental Canadian organizations involved in international education, including the Association of Universities and Colleges of Canada and the Association of Canadian Community Colleges.

The Commission's report looks at the history and present context of foreign students in Canada, and suggests a framework for the future development of institutional and governmental policies. It places the primary responsibility for foreign student policy on educational institutions, but addresses its moral and practical arguments and recommendations to non-governmental agencies and governments as well.

*The Right Mix* demonstrates how readily a policy vacuum in the foreign student area accommodates racism, particularly in times of economic difficulty. It denounces differential tuition fees, which discriminate against those whom we profess to be most anxious to help: students from the poorest backgrounds and the least developed countries. It proposes that institutions and governments which consider it necessary to limit foreign student enrolment do so not by imposing prohibitive surcharges, but through a program combining regional quotas and scholarships to ensure access for students from less developed countries.

Above all, the report asserts, Canadians must recognize their responsibilities toward foreign students, who are not only the future leaders of their countries,

but also constitute a valuable resource for Canadian educational institutions and the communities around them.

Also published are three ancillary studies prepared for the Commission. One proposes a methodology for calculating the costs and benefits of the presence of foreign students; another reports the results of a CBIE survey of current institutional

policies and practices affecting foreign students; and the other presents statistical information, with some commentary, on the foreign student population in Canada.

All publications are available from: Canadian Bureau for International Education, 141 Laurier Ave. West, Suite 809, Ottawa, Ontario K1P 5J3 □

## Orientation Days Imminent

For those not yet in the know, University Orientation Days will take place on 25 and 26 February. The intent is to provide prospective students, counsellors, and parents with information on academic offerings, admission requirements, first-year programs, facilities, student organizations and activities, and campus life. All faculties and a great many departments and student organizations will mirror the University for the legion of visitors. There will be more than thirty lecture-style presentations with in-depth information on all faculties and many departments and service agencies; some seventy displays; and various special events such as campus and residence tours and

a Computing Science Open House. The displays will be open from 10 a.m. to 4 p.m. and from 7 to 9 p.m. on 25 February, and from 10 a.m. to 3 p.m. on 26 February. The Central Academic Building, the Students' Union Building, the Humanities Centre, and the Fine Arts Building will be sites of major displays.

Participation in University Orientation Days is free of charge excluding transportation to and from the University and meals. The Orientation Days telephone number is 432-4537.

The University's welcome mat is always out and never more so than during Orientation Days. □

## Wanted: Former Students, Faculty of Banff Centre

The Banff Centre has put out an All Points Bulletin. The Centre will celebrate its 50th anniversary in 1983 and is searching for former students and faculty of both the School of Fine Arts and the School of Management.

The recently formed Alumni Office wants to establish contact with people who were part of the first fifty years of the Banff Centre's life. The association emphasizes that the anniversary provides "an ideal starting

point for re-establishing your interest in Canada's foremost training centre for young artists and business people. We are planning many special events and projects (including a Homecoming Week from 29 April to 7 May) and want to keep you informed."

Elizabeth Richer is the Alumni Officer. She can be reached at the Alumni Office, The Banff Centre, Box 1020, Banff, Alberta T0L 0C0. Telephone 762-6100. □

## World University Games

The University of Alberta and the City of Edmonton will host the prestigious World University Games in 1983. We are all aware of this fact, but, unfortunately, the majority of the students and staff of the University are in the dark as far as the Games are concerned. Many on campus do not know precisely what the event consists of, how the Games were awarded to Edmonton, or the structure and progressions of the organizational body.

The intent of this writing and successive articles is to keep the University population, students and staff alike, informed and in tune with Universiade '83.

In September of 1979, a joint committee of the University and the City was named to look at the feasibility of bidding for the 1983 World University Games. This committee made a recommendation to both the Board of Governors of The University of Alberta and the Council of the City of Edmonton that a bid should be made. In January of 1980, a presentation was made by President Horowitz and Mayor Purves to the Canadian Inter-university Athletic Union to be the Canadian city which would make a presentation to the Federation Internationale du Sports Universitaire to host the 1983 Games. This presentation, in Toronto, was successful, and as a result a bid was made in September of 1980 in Rome, Italy to be the host of the 1983 Games. Also making representations at that time were Brazil and Yugoslavia. Edmonton emerged as the successful candidate and this decision was later endorsed in Madrid, Spain by the full Board of Governors of the international governing body.

Universiade '83, also known as the Games, will be more than a grand sporting event. In conjunction with the competitive sports—basketball, gymnastics, volleyball, cycling, tennis, fencing, diving, swimming, waterpolo, and track and field—an International Sports Congress and Cultural Festival will be held. The International Sports Congress will be of great

significance to scholars from Edmonton as well as those visiting Edmonton. The conference will be held one week prior to the Games.

### Universiade '83



Edmonton · Canada

Topics slated for the conference include: "History of Sport and Physical Education," "University Sport and Emerging Nations' Sports Programs," "Sport Medicine in University Sport," and "University Sport and the Community."

The Cultural Festival, "Kaleidoscope '83," will run concurrently with the sport competitions. A variety of exhibitions and performances are planned to be held throughout the city. Dance, music, theatre, sculptures and photography are a few of the cultural events we can expect to see. This gala affair will provide the athletes, officials and visitors with an opportunity to exchange ideas.

The University will benefit considerably from this international event. The presence of high calibre competitors from Germany, Russia, and the U.S. will function to increase the level of intercollegiate sports, not only at The University of Alberta, but at universities across Canada. The sports conference will provide many with academic opportunities.

With the Games will come new facilities which are direly needed by the University. Such facilities include a new housing complex, campus tennis courts, and a fieldhouse.

Construction of the fieldhouse was initiated in September of 1981. The anticipated completion date is 1 April 1983. Seating 10,000 spectators, the fieldhouse will be the basketball venue. In addition to basketball, the fieldhouse may be used for tennis, volleyball, soccer, field hockey, team handball, and will also accommodate a running track. Planners firmly believe that this facility will be a useful tool in integrating the University with the community, particularly with the handicapped and youth groups.

An independent corporation, named Universiade '83 (Edmonton) Corporation was established to organize and conduct the 1983 World University Games. This body was set up by the City of Edmonton and The University of Alberta. The Board of Governors

of the Corporation consists of nine people. Of these nine people, three were named by the City, three were named by the University, and the last three were named jointly by the City and the University. The president constitutes the tenth member of the Board of Governors. Ed Zemrau was selected by majority vote of the Board of Governors to serve as president. The two vice-presidents play very significant roles; Ross Macnab (University) and Ron Ferguson (City) maintain liaison between the Corporation and their respective institutions. Both parent bodies are, therefore, well informed of the progression and affairs of Universiade '83.

The World University Games are, no doubt, of great importance to the University as well as to the City of Edmonton. As the Universiade '83 theme states, let's "Welcome the World" in 1983.\* □

*\*The above article is the first in a series contributed by Ruth Hillerud on behalf of Universiade '83.*

## Dean Adams Appointed to NSERC

The Honourable John Roberts, Minister of State for Science and Technology and Minister of the Environment, recently announced the appointment of six new members of the Natural Sciences and Engineering Research Council.

The Council, established in 1978, is Canada's largest single funder of university research. The Council's objectives are to increase the supply of highly skilled Canadian researchers in the natural sciences and engineering, to improve Canada's research atmosphere, and to make research more relevant to Canadian needs.

The new members include Peter Adams, Dean of Engineering at this University. Dr. Adams is a

specialist in the design of steel structures and Vice-President of the International Association of Bridge and Structural Engineers. He is the author of numerous publications and is a member of technical societies in Canada and the United States.

Dr. Adams serves as a director of several research related organizations as well as the Canadian Welding Bureau. He is a graduate in Civil Engineering of the Nova Scotia Technical College and Lehigh University, and prior to joining The University of Alberta was employed by the International Nickel Company and Dominion Bridge Company. □

## Canada West Gymnastics Championships

On Saturday and Sunday, 20 and 21 February, The University of Alberta Golden Bears and Pandas gymnastic teams will host the 1982 Canada West Universities Athletic Association (CWUAA) Gymnastics Championships at Varsity Gym. The two-day conference championship will begin at 12:45 p.m. on 20 February with the official march-in of the competing teams, followed by the beginning of the actual competition. Saturday will highlight the team and all-around competition while the individual event finals will take centre stage on Sunday. Competition on both days starts at 1 p.m.

This year's championships will have both men's and women's teams competing from the Universities of Calgary, British Columbia, and Manitoba as well as the host Golden Bears and Pandas. In last year's CWUAA Championships held at the University of Manitoba, Head Coach Francis Tally's Golden Bears won the conference crown with 235.7 points, well ahead of the UBC Thunderbirds who placed second. Last year's women's championship team was the UBC Thunderettes who edged the Pandas 148.8 to 143.2. Alberta's Allan Reddon was the men's all-around champion while teammate Reeve Martin finished second overall.

Patti Sakaki of the Thunderettes won last year's CWUAA Women's All-Around Championship and will return this year to defend her title.

The 1981-82 edition of the Golden Bear's gymnastic squad is led by the outstanding Reeve Martin, who won the pommel horse event championship at last year's CIAU Finals. Complementing Martin are Tony Smith, Brendon Carrigy, Eric Ruckenthaler, and Dale McNeely. All five of these gymnasts have already reached the qualifying score for the CIAU finals, having scored better than 39.00 points in previous meets this season.

Sue Rouse, the second-year coach of the Pandas, has a very strong team this season and is looking at regaining the CWUAA gymnastics crown for the first time since the 1978-79 season. Rouse has junior Audrey Gee, and rookies Heidi Ross, Shelley Spaner, Elise Dworkin, and Teresa Van Soest on this year's team, providing her with the experience, skill, and enthusiasm necessary to become champions.\* □

*\*The above article was contributed by Steve Knowles, Department of Athletic Services.*

## Phil Arnold, 1924-1982

Members of NASA were saddened to learn on 18 January 1982 of the passing of Phil Arnold, former General Executive Secretary of the Association. Mr. Arnold was one of those instrumental in the founding of NASA, and played a leading role in guiding the organization through its formative years. His wealth of experience was often called upon by similar organizations in eastern Canada in their efforts to establish

meaningful collective bargaining at universities such as McGill and Toronto.

In 1977, Mr. Arnold's years of dedicated service to NASA and to the University community were recognized by the awarding of a Queen's Silver Jubilee Medal. Mr. Arnold will be fondly remembered by his many friends and colleagues at The University of Alberta. □



## Cross Country Sets Example

Cross Country Insulation Ltd., a company formed in Edmonton in April 1980, has donated \$50,000 as an endowment to the Faculty of Engineering at The University of Alberta to support research activities related to energy conservation.

Cross Country, in less than two years of operation, has become one of the leaders in the energy conservation field, specializing in the installation of blown fibreglass and energlass insulation and in the renovation of roof ventilation systems. To date, the company operates in Alberta, British Columbia, and the Northwest Territories, and has been responsible for the upgrading of more than ten thousand residences.

The interest from the Cross Country donation will be used for research programs and student

projects related to energy conservation. It is the wish of the firm's principals, Messrs. Ray Wilson and Reg Burkholder, that the bulk of the funds be used for direct student support.

According to Mr. Wilson, "since Cross Country relies heavily on part-time and summer students, we felt that through this donation, we could contribute to the support of potential future employees and at the same time become involved in research programs related to the efficient management of Canada's natural resources." Mr. Burkholder adds that "Cross Country is vitally interested in developing new approaches for the industry and we hope that other operators will join with us in support of these important programs." □

*people*

On 2 and 3 February, President Horowitz visited the University of New Brunswick as a member of the team to review the graduate programs in its Faculty of Education.

Pierre A.R. Monod (Romance Languages), founder and former President of the Canadian Semiotic Association, has been honored with the title of Honorary Life Member of the Association in recognition of his initiative in creating the Association of Semiotics in Canada, and in promoting and encouraging research in this field in Canada and abroad.

L.C. Green (Political Science) has been appointed a member of

the Constitutional Consultative Committee for Liberia and the International Commission for Constitutional Reform in South Africa.

*service information*

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

### Coming Events

#### Music

*Department of Music Concerts*  
18 February, 8 p.m. Verdehr Trio, featuring Walter Verdehr, violin; Elsa Ludewig-Verdehr, clarinet; and Gary Kirkpatrick, piano; (Visiting Artists Series).  
19 February, 5 p.m. James Pfeiffer, trombone (A Junior Student Recital).

19 February, 8 p.m. Flute Class Recital. Students of Harlan Green.  
20 February, 8 p.m. Voice Class Recital. Students of M. Aikman.  
21 February, 3 p.m. Edmonton Youth Orchestra. Michael Massey, conductor.  
28 February, 3 p.m. Jacqueline Preuss, soprano, and Michael Massey, piano.

*The Johann Strauss Foundation and Department of Music Strings Division*

18 February. Eduard Melkus, distinguished Austrian violinist, accompanied by Rita Steblin, Killam Memorial Post-Doctoral Research Fellow, will present three Lecture-Recital Sessions as follows: 9:30 to 11:30 a.m. String Seminar and Master Class.  
11:30 to 12:30 p.m. Baroque Performance Techniques in Bach's St. Matthew Passion and B Minor Mass.  
200 to 4:30 p.m. Lecture-Recital. Biber "Rosary" Sonatas, Corelli, Handel, Bach Sonatas, Tartini's "Devil's Trill" Sonata. These sessions will be held in 1-28 Fine Arts Building.

#### Films

*SUB Theatre*  
22 February, 7 and 9 p.m. "Eye of the Needle." Director Richard Marquand.  
23 February, 7 and 9:30 p.m. "Alien." Director Ridley Scott.  
24 February, 7 and 9:30 p.m. "Arthur." Director Steve Gordon.  
25 February, 7 and 9:30 p.m. "Stripes." Director Ivan Reitman.  
27 February, 7 and 9:30 p.m. "Nine to Five." Director Colin Higgins.  
*Tory Lecture Theatre II*  
22 February, 8 p.m. Classic Series. "The Lusty Men."

#### Lectures and Seminars

*Department of Biochemistry Visiting Lecturer*  
18 February, 4 p.m. Nigel Unwin, Stanford University, on "Structure of Membrane Proteins: Bacteriorhodopsin and connexin." 2-27 Medical Sciences Building.  
18 February, 12:30 p.m. Hans Van de Sande on "Coexistence of Left-Handed and Right-Handed Conformation in Poly dGC. Poly dGC and their Biological Properties." 2-27 Medical Sciences Building.  
26 February, 2 p.m. Stuart Linn, University of California, on Enzymatic Studies of DNA Repair." 4-70 Medical Sciences Building.

*Endowment Fund for the Future, Distinguished Visitors*  
*Department of English*  
C.K. Stead, Auckland University, New Zealand, will give lectures on Ezra Pound and W.H. Auden. For more information telephone R. Hoffpauir at 432-4639.

#### Canadian Studies Program

18 February, 3:30 p.m. Pat Smart, Carleton University, Ottawa, will speak on "Culture, Revolution and Power: Quebec Literature since Refus Global." L 3 Humanities Centre.

#### Forestry Seminar

18 February, 3:30 p.m. Archie Landals on "Building a Park System." 2-1 Mechanical Engineering Building.

*Department of Computing Science Colloquium*

18 February, 4 p.m. Paul Bratley, University of Montreal, on "Mincing Poetry." 811 GSB.

#### Department of Entomology

18 February, 4:30 p.m. A.S. Braimah, on "Comparison of two new techniques for determining number and size distribution of latex particles in the gut of two filter feeding insects." 62 Athabasca Hall Annex Basement.

#### Limnology and Fisheries Discussion Group

18 February, noon. Mark Akena, Alberta Environment, on "A Preliminary Water Quality Study of Gregoire Lake." G217 Biological Sciences Centre.

#### Department of English Readings

18 February, 12:30 p.m. Audrey Thomas, novelist and short story writer. AV L-3 Humanities Centre.

*Department of Comparative Literature*

18 February, 4 p.m. Edith Gruber with a discussion of Aimé Césaire's *Cahier d'un retour au pays natal*, and *La Tragédie du Roi Christophe*. Senate Chamber, Arts Building.

#### SUB Art Gallery

##### Poetry Readings

19 February, noon. Miriam Mandel and Gerald Lock reading their own poetry.

#### Middle Earth Gallery

28 February, 7:30 p.m. "Readings to the Lute." Poetry by Ted Blodgett, music by Carl Lotsberg. Admission \$5. 10107 89 Street.

#### Department of History Colloquium

19 February, 3:05 p.m. D.L. Lightner on "America On and Off the Rails: The Fogel Thesis after Twenty Years." 2-58 H.M. Tory Building.

*Canadian Institute of Ukrainian Studies*

19 February, 7:30 p.m. Manoly Lupul on "The Tragedy of Canada's White Ethnics: A Constitutional Post-Mortem." Heritage Lounge, Athabasca Hall.

*Department of Secondary Education/The Alliance Française of Edmonton*

19 February, 8 p.m. Henri LePage, on "Les Grands Courants de la Pensée Politique, Philosophique et Economique Française." 2-125 Education South.

# *The University of Alberta's 75th Anniversary, 1982-83*

## Calendar of Events

### 1982

#### *Standing Displays*

##### ■ *The Egyptian Exhibition*

On display from 1 June to 30 September 1982. Ring House Gallery. An exhibition of ancient Egyptian artifacts drawn from the University's own collection and from the museum of the University of Manchester.

##### ■ *The Haydn Display*—

October 1982. Rutherford Library. A display of materials illustrating the life and works of the famous composer, Franz Joseph Haydn.

##### ■ *Historical Displays*—

A variety of historical displays on show in the Ring House Gallery and the Students' Union Building, from October 1982 to February 1983.

##### ■ *The Stravinsky Display*—

November 1982. Rutherford Library. Materials illustrating the genius of the Russian composer, Igor Stravinsky.

##### ■ *The Brahms Display*—

To coincide with the 150th anniversary of the birth of Johannes Brahms, materials relating to the works and life of the composer.

February and March 1983.  
Rutherford Library.

### June

- The presentation of the Mairie Simpson Scholarship by the University's Alumni Association. 2 June.

- The annual convention of the Alberta Dental Association.

- The 25th annual meeting of the Canadian Federation of Biological Societies. 14 to 18 June.

- The annual meeting of the Microscopical Association of Canada. 11 to 13 June.

- From now until the close of the anniversary year, 1982-83, information concerning special events and celebrations will be available through the use of computer terminals.

### July

- Musical entertainment in the "Quad." 1 and 4 July.

- Edmonton Northlands Parade and Exposition. 21 to 31 July.

- Special Convocation for the Installation of the Chancellor. 6 July.

- 75th Anniversary Book release. 6 July.

### August

- Musical entertainment in the "Quad." 2 and 16 August.

### September

- Student activities celebrating the 75th Anniversary and the new academic year. 7 to 10 September.

- Sports Wall of Fame Induction Banquet. 15 September.

- Violet Archer Musical Work. 22 September.

### October

- Alumni Homecoming, 75th Anniversary Scholarship announcement. 1 to 3 October.

- An international symposium on "Human Evolution." 4 and 5 October.

- Half-time entertainment in an Edmonton Eskimos football game in Commonwealth Stadium. 11 October.

- Inauguration of the Elizabeth Empey Lecture Series. Home Economics. 15 October.

- Faculty Open Houses: Business Administration and Commerce, Agriculture and Forestry, Home Economics. 15 to 17 October.

- The Killam Trustees annual conference. 25 October.

- National University Hockey Tournament. 25 October. Stravinsky Musical Program. 25 October.

*Special displays are planned for June, October, November and December of 1982 and for February and March of 1983.*

## *November*

- Faculty Open Houses: Dentistry, Medicine and Medical Science. 5 to 7 November.
- Faculty Open Houses: Pharmacy and Pharmaceutical Sciences, Rehabilitation Medicine. 19 to 21 November.
- The Klondike International Basketball Classic. 12 to 14 November.
- Fall Convocation. 20 November.

## *December*

- Faculty Open Houses: Arts, Law, Library Science. 3 to 5 December.
- Klondike International Basketball Classic. 28 to 30 December.

**1983**

### *January*

- Jazz Concert, SUB Theatre. 18 January.

### *April*

- A symposium on "International Affairs." 11 and 12 April.

### *February*

- A Brahms festival and symposium. 2, 9, and 16 February.
- Faculty Open Houses: Engineering, Science. 18 to 20 February.

### *May*

- Spring Convocation. 31 May.

### *March*

- Orchesis Dance Program. SUB Theatre. 5 and 6 March.
- Studio Theatre presentation. 5 to 15 March.
- Brahms Concert. 9 March.
- Faculty Open Houses: Education, Faculté Saint-Jean, Physical Education and Recreation. 18 to 20 March.

### *June*

- Spring Convocation. 1 and 2 June.
- World Student Congress.
- Preliminaries to Universiade '83 (World University Games).

*For program  
information 432-2325*

#### *Department of Zoology*

19 February, 3:30 p.m. Stanley Kater, University of Iowa, on "Plasticity of the Adult Nervous System: Lessons from a Snail." CW410 Biological Sciences Centre.

#### *Special Seminars*

25 February, 2:30 p.m. Peter Hochachka, University of British Columbia, on "Diving marine mammals as metabolic life-support systems." 3 March, noon. Walter Stoekenius, University of California, on "Structure and function of purple membrane in halobacteria."

The above Seminars will be held in CW410 Biological Sciences Centre.

#### *Department of Chemistry*

23 and 24 February, 11 a.m. R. Fraser, University of Ottawa, on " $\alpha$ -Metallated Carbonyl Derivatives: Their Stereochemistry and Synthetic Utility." E325 Chemistry Centre.

#### *Edmonton New Faces Society*

25 February, 6:30 p.m. Singles 18 years and over welcome to an Open House for new and prospective members. Discussion will follow at 8 p.m. This meeting will be held in Holiday Inn. Members: \$6. Non-Members: \$9. For more information please call 469-6187.

#### *Department of Sociology*

2 March, noon. W.G. Carson, University of Edinburgh and Visiting Professor at the University of Calgary, on "The Other Price of Britain's Oil." 5-15 H.M. Tory Building.

#### *Exhibitions*

*Department of Art and Design*  
25 and 26 February. Orientation Days. An Exhibition of Students' Work in 2nd and 3rd Floor Main Stairwell. Fine Arts Building.

#### *Ring House Gallery*

4 to 28 February. Calgary Emerging Artists: Rick Gorenko, Helen Sibelius and Susan Wood.  
11 to 21 February. Embroidered samplers from the Glenbow Museum Collection.  
25 February to 21 March. Works of New York artist, Tom Holland, made available through the Southern Alberta Art Gallery, Lethbridge.

#### *SUB Art Gallery*

4 February to 7 March. Theodore Saskatchewani and Suzy Lake's exhibit of photographic work.

#### *L'Express Café*

8 to 28 February. Nancy Corrigan's recent paintings.  
1 to 14 March. Figurative Art: Work by advanced students of SUB Art Classes.

#### *Theatre*

*Faculté Saint-Jean*  
*Northern Light Theatre*  
12 to 27 February, 8 p.m. "Roses in

February" by Allan Lysell.

*The Phoenix Theatre*  
16 to 21 February. "We can't pay, we won't pay!" by Dario Fo.  
Tickets BASS.

#### *Sports*

##### *Faculty Curling*

The Faculty Curling Club has openings for individuals and teams to curl on Fridays at 5 p.m. at Royal Glenora. Greg Morrison (432-2206) can provide more information.

##### *Basketball*

19 to 20 February, 6:45 p.m. Pandas vs University of Saskatchewan. Varsity Gym.  
19 to 20 February, 8:30 p.m. Bears vs University of Saskatchewan. Varsity Gym.  
26 and 27 February, 8:30 p.m. Bears vs UBC Thunderbirds. Varsity Gym.

##### *Hockey*

20 February, 2 p.m. University of Calgary. Varsity Arena.

##### *Gymnastics*

20 to 21 February. Bears and Pandas CWUAA Championships. Varsity Gym.

##### *Swimming and Diving*

Beginning 28 January, 1 to 2 p.m. Tuesdays and Thursdays, Scared Stiffers swimming lessons for true non-swimmers. For registration and information phone 432-3570.  
26 to 28 February. Western Canadian Championships.

#### *Radio and Television*

##### *Department of Radio and Television*

Programs broadcast on CKUA radio (580AM/95FM)

19 February, 8 p.m. "Voiceprint." The Literacy Revolution and the Revolutionary Literature.  
20 February, 7 p.m. "University Concert Hall." Recorded Music from Convocation Hall.  
22 February, 7 p.m. "Legal Maze" Organized Labour and the Law, Part II.  
24 February, 7 p.m. "Taking Care of Business" Issues of concern to both small and large business operations.  
24 February, 7:30 p.m. "Science Digest" Facts, theories and implications of current scientific endeavors.

26 February, 8 p.m. "Voiceprint" Semantics and Literary Criticism.

27 February, 7 p.m. "University Concert Hall" Recorded music from Convocation Hall.

Television programs broadcast on EECC cable 13 (CC)

EECC cable 9 (QCTV)

18 February, 11 a.m. "Fitness for Seniors."

18 February, 2 p.m. "Academic Forum" The Sociology of Love. Host:

Alex Matejko. Guest: Nicholas Luhmann.

18 February, 9:30 p.m. "Islam in Focus."

22 February, 3:15 p.m. "Fitness for Seniors"

22 February, 9 p.m. "Academic Forum" The Average Soviet Citizen. Host: Roman Onufrijchuk, Guest: Bohdan Krawchenko.  
24 February, 6 p.m. "Food Safety" Microbiological Food Hazards.

24 February, 9 p.m. "Islam in Focus."  
25 February, 2 p.m. "Academic Forum."  
25 February, 9:30 p.m. "Islam in Focus."  
26 February, 11 a.m. "Fitness for Seniors."



# The Senate

The University of Alberta

## Nominations for Public Members

We invite nominations from the public for several vacancies on the University Senate. Volunteer members serve on Task Forces and Committees dealing with educational issues. Senate meets formally four or five times a year.

**It is the duty of the Senate to inquire into any matter that might enhance the usefulness of the University.**

There are no formal qualification requirements but consideration will be given to community service of nominees from central and northern Alberta. Members serve for a three-year term beginning July 1.

Nomination forms requiring the signatures of two nominators, are available from the Senate Office, and should be returned, completed, by March 15, 1982 to:

The Chairman, Nominating Committee

The Senate

The University of Alberta

150 Athabasca Hall

Edmonton, Alberta

T6G 2E8

For further information, telephone  
432-2268

## **Non-Credit Courses**

### **Faculty of Extension**

#### *Words of Women: Canadian Women Writers*

*Date:* 6 Wednesdays commencing 10 February 7:30-9:30 p.m. *Instructor:* Susan Jackel. *Fee:* \$25. Call 432-3093.

#### *Creating Awareness of New Women's Writings*

*Date:* 21 February 10 a.m.-4 p.m. *Fee:* \$20. Call 432-3093.

#### *It's Just Your Nerves*

*Dates:* 22 and 23 February 9 a.m.-4 p.m. *Fee:* \$50. Call 432-3093.

#### *Women and Money Management*

*Date:* Section I (1222) 6 Thursdays from 28 January. *Time:* 1:30 to 3:30 p.m. *Location:* Malmo School 4716 115 Street, Room 4. *Date:* Section II (1223) 6 Mondays from 1 February. *Time:* 7 to 9 p.m. *Location:* 107 Education Building. *Fee:* \$25. *Limit:* 30. *Instructor:* Orlene Lacey.

#### *The Reality of Immigrant Women in Canadian Society*

*Date:* 8 Tuesdays from 2 February. *Time:* 7 to 9 p.m. *Location:* B-70 H.M. Tory Building. *Fee:* \$35. *Limit:* 30. *Instructor:* Zahra Husaini.

#### *So This Is Feminism*

*Date:* 8 Wednesdays from 3 February. *Time:* 7:30 to 9:30 p.m. *Location:* 303B Corbett Hall. *Fee:* \$35. *Limit:* 20 *Instructor:* Halyna Freeland.

#### *Assertive Management for Women*

*Date:* 17, 18 and 19 February. *Time:* 9 a.m. to 4:30 p.m. *Fee:* \$235 (including materials and luncheon).

#### *Principles of Geology*

*Date:* Ten Thursdays commencing 4 February. *Time:* 7 to 9:30 p.m. *Fee:* \$55.

#### *Transportation Planning*

*Date:* 16 February to 23 March. *Time:* 6:30 to 9:30 p.m. *Fee:* \$100 (including materials).

#### *Prospecting II*

*Date:* 22 February, twice a week for five weeks. *Time:* 7:30 to 9:30 p.m. *Fee:* \$90 (including text book and lecture notes). For more information call 432-5532.

#### *High Pressure Liquid Pipeline Technology*

*Date:* 24 February, six Wednesdays. *Time:* 7 to 9:30 p.m. *Fee:* \$100 (including materials). For more information call 432-5532 or 5061.

#### *Instructional Techniques in Adult Education*

*Date:* 24, 25 and 26 February. *Time:* 9 a.m. to 4:30 p.m. *Fee:* \$130

(including luncheons). For more information call 432-5055 or 3116.

#### *Parent Involvement in Education: Myth or Reality?*

*Date:* 25 February. *Time:* 9 a.m. to 4 p.m. *Fee:* \$15 (including luncheons). *Place:* 2nd Floor, Education Building North. For more information call 432-3726 or 5348.

#### *Credits and Collections*

*Date:* 25 February. *Time:* 9 a.m. to 4:30 p.m. *Fee:* \$100 (including materials and luncheon). For more information call 432-5066 or 5067.

#### *Faculty of Dentistry*

##### *Nitrous Oxide/Oxygen Inhalation*

*Date:* 20 February. *Place:* Edmonton.

#### *Continuing Medical Education*

##### *Symposium on Occupational Medicine*

*Date:* 19 and 20 February. *Fee:* \$120 (including coffee, lunches and banquet). *Place:* Klondyke Room, Chateau Lacombe Hotel.

#### *Counselling Skills for Family Physicians*

*Date:* 22 and 23 February. *Place:* Calgary General Hospital.

#### *Cancer 1982*

*Date:* 25 and 26 February. *Place:* Health Sciences Centre.

#### *Annual Seminar for Alberta Chapter of Canadian College of Family Physicians*

*Date:* 28 February to 6 March. *Place:* Banff, Alberta. For more information on the above and other programs in February, Call Dr. A.B. Jones, 432-1271.

#### *Computing Services*

##### *Client Training Sessions*

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463 or come to 319 General Services Building.

#### *Introduction to SPSS*

*Course number:* 571. *Date:* 17 February. *Time:* 1 to 4 p.m. *Fee:* \$5. *Prerequisites:* The "Data Preparation for Statistical Packages" seminar is recommended. "Introduction to Computing" or a knowledge of MTS is required. *Place:* 328 GSB.

#### *MTS Overview*

*Course number:* 544. *Date:* 16, 18 February. *Time:* 10 a.m. to noon. *Fee:* \$10. *Prerequisites:* "MTS and Editor Fundamentals". *Place:* 328 GSB.

#### *Computing Services Resources*

*Course number:* 574. *Date:* 24

February, 8 March. *Time:* 1 to 3 p.m. *Fee:* \$10. *Place:* 328 GSB.

#### *Integrated Graphics Overview*

*Course number:* 569. *Date:* 25 February. *Time:* 9 to 11 a.m. *Fee:* \$5. *Prerequisites:* "Introduction to Plotting." *Place:* 328 GSB.

#### *Introduction to SPIRES*

*Course number:* 564. *Date:* 1 March. *Time:* 1 to 4 p.m. *Fee:* \$5. *Prerequisites:* "MTS and Editor Fundamentals" and a good working knowledge of file editing and terminal use. *Place:* 328 GSB.

#### *Introduction to Text Formatting*

*Course number:* 554. *Date:* 1, 3, 5, 8, 10 and 12 March. *Time:* Noon to 2 p.m. *Fee:* \$15. *Prerequisites:* "MTS and Editor Fundamentals" and "MTS Overview" courses and a good working knowledge of the File Editor. *Place:* 328 GSB.

#### *Introduction to Programming*

*Course number:* 578. *Date:* 2, 4, 9 and 11 March. *Time:* Noon to 2 p.m. *Fee:* \$15. *Prerequisites:* "MTS and Editor Fundamentals" or equivalent knowledge of MTS. *Place:* 328 GSB.

#### *Devonian Botanic Garden*

##### *Botanical Latin*

*Date:* 4 February to 8 April. *Time:* 7:30 to 9 p.m. *Fee:* \$45. In 242 Medical Sciences Building.

#### *Nature Photography*

*Date:* 13 February to 6 March. *Time:* 1:30 to 4 p.m. *Fee:* \$30. *Place:* The Garden.

#### *Ski at the Devonian*

##### *Botanic Garden*

*Date:* 21 February. *Time:* 1 to 3 p.m. *Fee:* \$6. *Place:* The Garden.

#### *Introduction to Gardening*

*Date:* 24 February to 31 March. *Time:* 7 to 9 p.m. *Fee:* \$40. *Place:* The Garden.

#### *Management Skills Seminars*

##### *CPRS Budgeting (6706)*

*Date:* 10 March. *Instructor:* Ted McCormick. *Fee:* \$40. For more information call 432-2222.

## **Scholarships, Fellowships and Awards**

#### *J.W. Dafoe Graduate Fellowship*

*Donor:* The University of Manitoba. *Where tenable:* The University of Manitoba. *Level:* Graduate. *Field of Study:* Political Studies, Economics, History. *Value:* \$8,000. *Number:* One. *Duration:* Unspecified. *Conditions:*

Fellowship open to graduates of any recognized university who possess the Honors BA degree or its equivalent and who intend to work for a higher degree in the field of international studies. Applications are made by letter addressed to the below address with academic record, four referees who are prepared to support his application, age, place of birth, citizenship, marital status, any previous experience other than academic, field of study most interested in, and why, and any other matter candidate considers relevant. *Closing date:* 26 February 1982. *Further information and application forms should be requested from:* Awards Office, The University of Manitoba, Winnipeg, Manitoba.

#### *Consolidated-Bathurst Graduate Award in Communications*

*Donor:* Consolidated-Bathurst. *Where tenable:* The S.I. Newhouse School of Public Communications of Syracuse University. *Level:* Graduate. *Field of study:* Canadian newspaper journalism. (Specialization in an area related to print journalism). *Value:* Covers tuition fees and basic expenses, up to \$12,000 U.S. *Number:* One. *Duration:* One year. *Conditions:* Must be a Canadian citizen and a student or working journalist having or about to receive a recognized university degree. Subject to meeting the entrance requirements of Syracuse University. *Closing date:* 1 March 1982. *Further information and application forms... should be requested from:* Dr. Jay B. Wright, Assistant Dean for Graduate Affairs, S.I. Newhouse School of Public Communications, Syracuse University, Syracuse, New York 13210 U.S.A.

#### *1982 Summer Professional Development Program*

*Donor:* Department of Environmental and Social Affairs of Petro-Canada. *Where tenable:* Canada. *Level:* Graduate or professional. *Field of study:* Environmental and Socio-economic management fields. *Value:* Competitive-level stipend for their work, and return transportation to Calgary provided. *Number:* Two to four. *Duration:* Begins when the candidates finish their spring term studies and ends 31 August 1982. *Conditions:* Must be registered students in a graduate or professional school who are working towards a graduate or professional degree. The academic area of study must be interdisciplinary in nature combining professional technical training with some interest in public policy issues. *Closing date:* 19 March 1982. *Further information and application forms should be requested from:* Student Awards Office or Summer Professional Development Program, Environmental and Social Affairs, Petro-Canada, P.O. Box 2844, Calgary, Alberta T2P 3E3.

#### *Italian Government Scholarships for Canadian Students*

*Donor:* Embassy of Italy, Ottawa, Canada. *Where tenable:* Italian

#### **universities and colleges. Level:**

University graduates, undergraduates, teachers and artists who have the necessary qualifications. **Field of study:** Variable. **Value:** 330,000 Italian lire per month plus life and medical insurance for the scholarship's duration. The 8-month (or longer) scholarship holders will have their air fare paid, from Montreal or Toronto to Rome and return. **Number:** Variable. **Duration:** 2 to 8 months, during academic year of 1 Nov. 1982 - 31 Oct 1983. **Conditions:** To attend any type of post-graduate course. (Master's degree required.) To attend Italian languages and culture courses given. To carry out research. (Master's degree required.) The scholarships are not intended for the full study programs leading to the "Laurea" (Final Italian University Degree). **Closing date:** 31 March 1982 for applicants whose courses are held between 1 Nov. 1982 through 30 June 1983. 8 Jan. 1983 for applicants whose courses are held between 1 June/July through 31 Oct. 1983. **Further information and application forms should be requested from:** Embassy of Italy, 275 Slater Street, Ottawa, Ontario, K1P 5H9.

#### **African Studies**

El Colegio de México, Mexico City, is initiating a post-graduate program in African Studies. It is offering scholarships which cover all academic expenses plus 11,000 pesos for lodging and other basic needs. For further information, contact D. Prithpal, 432-2174.

#### **Surplus Equipment**

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

One day only cash and carry sale of remainder of stock from Edmonton Photo Liquidation. To be held between 4:30 - 8:30 p.m., 23 February 1982 in the basement of the Chemical/Mineral Engineering Building. Darkroom supplies, projectors, chemicals, paper, screen are just samples of what is still available. For further information, please contact David Spearing at 432-4185.

#### **Notices**

##### **International Education**

Members of the University community with an interest in international development and education take note.

IMTEC (the International Learning Cooperative) and the Norwegian Ministry of Education are jointly sponsoring the first of a series of

Annual International Seminars. The first one is to be held 22 to 27 August in Spatind, Norway. It focuses on the topic "The Transfer of Knowledge Across Cultures: Conflicting Needs and Priorities." IMTEC's long term effort is to clarify issues involved in technical assistance efforts in education in developing countries. Some expectations of the Spatind Seminar include analysis of needs and priorities for educational development in selected developing countries, establishment of an international network, and development of common frames of reference for knowledge transfer in education.

Additional information may be obtained from M. Bauer, Centre for International Education and Development, 432-5671.

#### **Positions Vacant**

##### **Student Services Officer**

##### **Faculty of Science Office**

The Faculty Service Office has an opening for a Student Services Officer. The position includes responsibility for the efficient operation of the Student Services Division of the Faculty Office in the areas of student records, calendar preparation, department and Registrar's Office liaison. Background in university student services administration a desirable asset. Non-academic staff supervisory experience helpful. Knowledge of computer assisted systems useful. Administrative/Professional Officer position. Starting salary: \$23,291 (subject to 1982/83 scale adjustment). Date open: 1 May 1982. Closing date for applications: 22 March 1982.

Please forward resumé to: Associate Dean D.D. Beatty, Faculty of Science Office, CW 223 Biological Sciences Centre, Edmonton, Alberta T6G 2E9. The Faculty of Science is an equal opportunity employer.

#### **Non-Academic Positions**

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 12 February 1982.

Clerk Typist II (\$970.59-\$1,161.75)—Fund Development Office; Romance Languages; Immunology, Psychology

Clerk Steno II (\$970.59-\$1,161.75)—Surgery

Data Entry Operator I (\$1,039.24-

\$1,250.59)—Computing Services

Clerk Steno III (\$1,080.97-\$1,304.43)—Mineral Engineering; Pharmacy; Faculté Saint-Jean; Educational Administration; Business Administration and Commerce; Computer Engineering; Pathology; Extension

Medical Steno (\$1,204.82-\$1,475.40)—Pediatrics

Secretary (\$1,204.82-\$1,475.40)—

Administrative Services; Continuing Medical Education; Dental Health Care

Administrative Clerk (\$1,204.82-

\$1,475.40)—Extension

Data Entry Supervisor (\$1,304.43-

\$1,604.63)—Office of Administrative Systems

Departmental/Executive Secretary (\$1,358.28-\$1,673.30)—Agriculture and Forestry

Laboratory Assistant II (\$970.59-

\$1,161.75)—Medical Microbiology

Laboratory Assistant II/III (\$970.59-

\$1,304.43)—Medical Microbiology

Computer Assistant I/II (\$970.59-

\$1,358.28)—Computing Services

Building Services Worker II (\$1,080.97-\$1,304.43)—Building Services (Physical Plant)

Technician I (\$1,204.82-\$1,475.40)—

Soil Science; Provincial Laboratory

Chemical Technician I (Trust) (\$1,204.82-\$1,475.40)—Chemistry

Electron Microscope Technician I/II (Trust-Term) (\$1,204.82-\$1,673.30)

—Medicine/Neurology

#### **Building Services Worker III**

(\$1,204.82-\$1,475.40)—Physical Plant (Building Services)

Food Services Worker IV (\$1,250.59-\$1,538.68)—Housing and Food Services

Maintenance Worker I (\$1,304.43-\$1,604.63)—Physical Plant

Building Services Worker IV (\$1,304.43-\$1,604.63)—Physical Plant (Building Services)

Engineering Technologist I (\$1,304.43-\$1,604.63)—Physical Plant (Energy Management)

Electronics Technician I/II (\$1,304.43-\$1,822.73)—Technical Services

Computer Operator I (\$1,304.43-\$1,604.63)—Office of Administrative Systems

Security Officer I (\$1,358.28-\$1,673.30)—Campus Security

Electron Microscope Technician II (Trust) (\$1,358.28-\$1,673.30)—Anatomy

Audio Visual Technician II (\$1,358.28-\$1,673.30)—Extension—Educational Media Division

Biochemistry Technologist I (Trust) (\$1,417.51-\$1,747.33)—Surgery

Technologist I/II (Trust) (\$1,417.51-\$1,822.73)—Genetics; Pediatrics

Dental Hygienist (Term) (\$1,475.40-\$1,822.73)—University Health Service

Electronics Technician II (\$1,475.40-\$1,822.73)—Computing Science

Administrative Assistant I (\$1,538.68-\$1,904.82)—Extension

Administrative Assistant I/II (\$1,538.68-\$1,904.82)—Alumni Office

Facilities Planning Analyst IV

(\$1,538.68-\$1,904.82)—Planning Office

Motor Mechanic II (\$1,604.63-\$1,986.93)—Physical Plant

Technologist II (\$1,604.63-\$1,986.93)—Mineral Engineering

Engineering Technologist III (\$1,673.30-\$2,077.14)—Physical Plant (Operations and Energy Management)

Pharmacist (\$1,673.30-\$2,077.14)—

University Health Service

Workshop Supervisor (\$1,747.33-

#### **Dance Motif '82 presented by Orchesis**

**Thursday, March 4, 1982**

**Friday, March 5, 1982**

**8.00pm Students Union Theatre  
University of Alberta Campus**

**dan mo '82**

**Tickets:**

**Adults \$4.75**

**Students and Children \$3.75**



**No Reserved Seating**

**Tickets:  
available from SUB  
and Orchesis members  
Information 432-5602**

\$2,168.70)—Physical Plant (Vehicle Pool)  
 Biology Technologist III (Trust) \$1,822.73-\$2,264.26)—Genetics  
 Machinist Technician III (\$1,822.73-\$2,264.26)—Technical Services; Electrical Engineering  
 Programmer/Analyst II (\$1,822.73-\$2,705.81)—Office of Administrative Systems  
 Engineering Technologist IV \$1,904.82-\$2,367.91)—Operations and Energy Management  
 Dental Equipment Repair Technician Supervisor (\$1,904.82-\$2,367.91)—Dean of Dentistry  
 Media Production Supervisor (\$1,986.93-\$2,474.27)—Audio Visual Media Centre  
 Programmer/Analyst III (\$2,168.70-\$2,705.81)—Computing Services  
 Programmer/Analyst IV (\$2,588.69-\$3,242.93)—Office of Administrative Systems  
 Balancing/Commissioning Foreman (\$2,830.53)—Physical Plant

### *Advertisements*

#### *Accommodations available*

For sale—Hearthstone "Super, large townhomes," finished basement, cedar deck, neutral decor, \$73,500 at 13½% until 1985. "Smaller unit," \$60,000 at 16¾%. DeAnna Larson

481-0936 or Spencer Real Estate 436-5250.  
 For rent—Exec. condominiums. University area from \$940. 426-4470 Audra.  
 For sale—Large, semi bungalow, University area, quiet street. Financing available. Price \$116,500. Cowley and Keith Real Estate 438-1333. Brad Willson 437-7395.  
 For rent—Close to University. Fully furnished, three bedroom house. Available 1 July - 31 December 1982. Phone 432-5711 days, 436-7041 evenings.  
 For sale—University—McKernan. By owner, 1,330', semi-bungalow, two bedrooms, large living room, dining room, custom kitchen, two bathrooms, bedroom in finished basement, double heated garage. \$109,000. 434-5355, 432-5742.  
 For sale—University Area. Inviting, two bedroom condominium. All appliances, two covered parking stalls, southern exposure, large storage area. Call Barbara Allen, Spencer Real Estate. 434-0729, 436-5250.  
 For rent—24 July 1982 - 14 August 1983, Windsor Park. Furnished bungalow, three bedrooms, three baths, fireplace, piano, family room, finished basement, garage. \$1,000/month, no pets. 432-5620, 433-6213 evenings.

For rent—Three bedroom condominium in Blue Quill. Three appliances, fireplace, basement. Close to schools, shopping, bus. \$600/month. \$600 damage deposit. No pets. Immediate possession. Call Anne 435-6236, 434-6651.

For sale—Old Glenora charmer! Grand entertaining rooms; master bedroom with library and ensuite bath. 13½% mortgage of \$150,000 available. Liz Crockford 434-0555, 436-5250. Spencer Real Estate.

For sale—Riverbend. Two storey; excellent condition, backing onto park. \$114,000 14% mortgage until '86. Liz Crockford 434-0555, 436-5250. Spencer Real Estate.

For sale—Executive, brick bungalow with indoor swimming pool. Great for year round exercise. 2 fireplaces, air conditioning, beautiful property 10¼% financing. Liz Crockford 434-0555, 436-5250. Spencer Real Estate.

For sale—In Pleasantview. Four bedroom, semi-bungalow. Extra large lot, with mature landscaping. Close to University of Alberta. Gladys Schuler.

436-5250, 423-0718. Spencer Real Estate.

For rent—July 1982 for one year. Furnished, three bedroom, cedar log bungalow. On acreage 35 mins. University. No indoor pets. Must be diligent house, yard keepers. Reasonable. 963-2077.

For sale—By owner. Rio Terrace. Good financing. Bungalow with extras. 435-0250.

For rent—Executive townhouse. Three bedrooms. Many extras. 435-0250.

#### *Accommodations wanted*

Professor and wife need to rent fully furnished apartment or house from 1 May 1982 through June 1983. Phone 488-5113.

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For sale: Fur coat, size 10, natural sheared beaver with mink collar. Excellent condition. Phone 433-7697 after 10 a.m.

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#### *Memorial Scholarships*

The scholarship, in the amount of \$1,500.00 is to be presented to a full-time student who has attended The University of Alberta for at least the two previous years. The basis for selection will be the student's contributions to campus life at The University of Alberta. The student must have satisfactory academic standing and plan to continue studies at The University of Alberta. Application forms and further information may be obtained from:

*The University of Alberta, Alumni Office  
430 Athabasca Hall  
University of Alberta*

or by telephoning the Alumni Office at 432-3224.

Application deadline is March 31, 1982.

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Kozak Business Services: Complete typing service available. Student discount. #305, 9924 106 Street. 423-3068, 478-1885.

Singing teacher, Eileen Turner. 439-4661.

Word processing service/Typing school/ Photocopier/Typewriter rental/ Mark 9, 8919 112 St. HUB Mall, 432-7936.

For life, auto, homeowner's, renter's insurance, phone Jerry Moser, 468-1930.

Typing on word processor. Call Darlene 452-1074.

Children's art classes (5-15 years) 433-0044.

Typing—Please call Margaret at 434-0987.

St. Margaret's Anglican Mission is sponsoring a series of films on effective parenting, featuring Dr. James Dobson. Steinhauer School,

10717 32A Ave. at 8 p.m., Tuesdays, 16, 23 Feb., and 2, 9 March. Free.

**Gourmet Dining**. La Cuisine's menu offers: Salmon Filet in Ginger Cream Sauce, Roast Rabbit, Beef Tenderloin with Green Peppercorns. Dinner from 6 p.m. Licensee 9614 Whyte Avenue. 433-805-433-8361.

**Mark Ehrman Carpentry Services**. Kitchens remodelled, basements finished, custom woodwork. Free estimates. 463-0889.

Typing instructor will type theses, reports, etc. on word processor. Pay by the page. 462-3825 after 1 p.m. Windsor Park School Kindergarten. On 22 Feb. at 7:30 p.m. in the school, rm. 10, there will be a Kindergarten Pre-registration Night for 1982-83. Please bring birth certificate.

**Academy Florica Lorint** 9562 82 Ave. Cultural Enrichment Programme for preschool children, French, Music, Dance, Theatre and Fine Arts. Now accepting registrations for mornings or afternoons. Phone 439-7911.

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- A POINT OF USE APPROACH TO WATER PURIFICATION NEEDS
- QUESTIONS - ANSWERS -----

**GUEST SPEAKER** - MR. VIRG IRWIN - TECHNIC CENTRAL SYSTEMS, INC., SEATTLE, WASHINGTON

#### DATES/PLACES

- VANCOUVER, B.C., 22 FEBRUARY 1982, 1 P.M.  
SHERATON PLAZA 500 HOTEL, GRANVILLE ROOM,  
500 W - 12TH AVE., VANCOUVER, B.C.
- EDMONTON, ALTA., 23 FEBRUARY 1982, 1 P.M.  
CONVENTION INN SOUTH HOTEL  
4404 CALGARY TRAIL, EDMONTON, ALBERTA
- TORONTO, ONT., 25 FEBRUARY 1982, 9:30 A.M.  
CARLTON INN HOTEL  
30 CARLTON ST., TORONTO, ONTARIO

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